Abstract

A co	oplanar	waveguide	line	comprisi	.ng
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5	a substrate;
	a central electrode strip on the substrate;
10	first and second electrode strips disposed on opposite sides of the central electrode strip and extending parallel thereto;
15	first and second optical waveguides on the substrate, the optical waveguides being positioned between the first and central electrode strips and extending parallel thereto;
	the central electrode comprising at least one T-rail extending proximate to the first optical waveguide;
20	the first electrode comprising at least one T-rail extending proximate to the second optical waveguide;
25	the substrate comprising an n^+ electrically conducting layer extending between the optical waveguides;
	wherein the coplanar waveguide line further comprises an electrical connection between first and second electrode strips.